

# The Covered Electronic Waste (CEW) Recycling Program and the CRT Glass Challenge

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# Electronic Waste Recycling Act

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- *PRC 42461. The Legislature finds and declares all of the following:*
  - *(a) The purpose of this chapter is to enact a comprehensive and innovative system for the reuse, recycling, and proper and legal disposal of covered electronic devices...*

# CEW Recycling Program Stats

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- **Nearly 1.1 Billion Pounds of CEW Recycled**
  - Associated infrastructure has recovered similar amounts of discarded electronic devices.
- **99% (by weight) CRT Devices**
  - Volume of CRT recovered is slowing as flat panel technology begins its own turnover.
  - Still an unknown but significant amount of CRT yet to be discarded.

# Key CEW Recycling Program Rules

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- **Before filing a payment claim:**

- Recycler must ship CRT glass to a destination authorized to receive and further treat that material

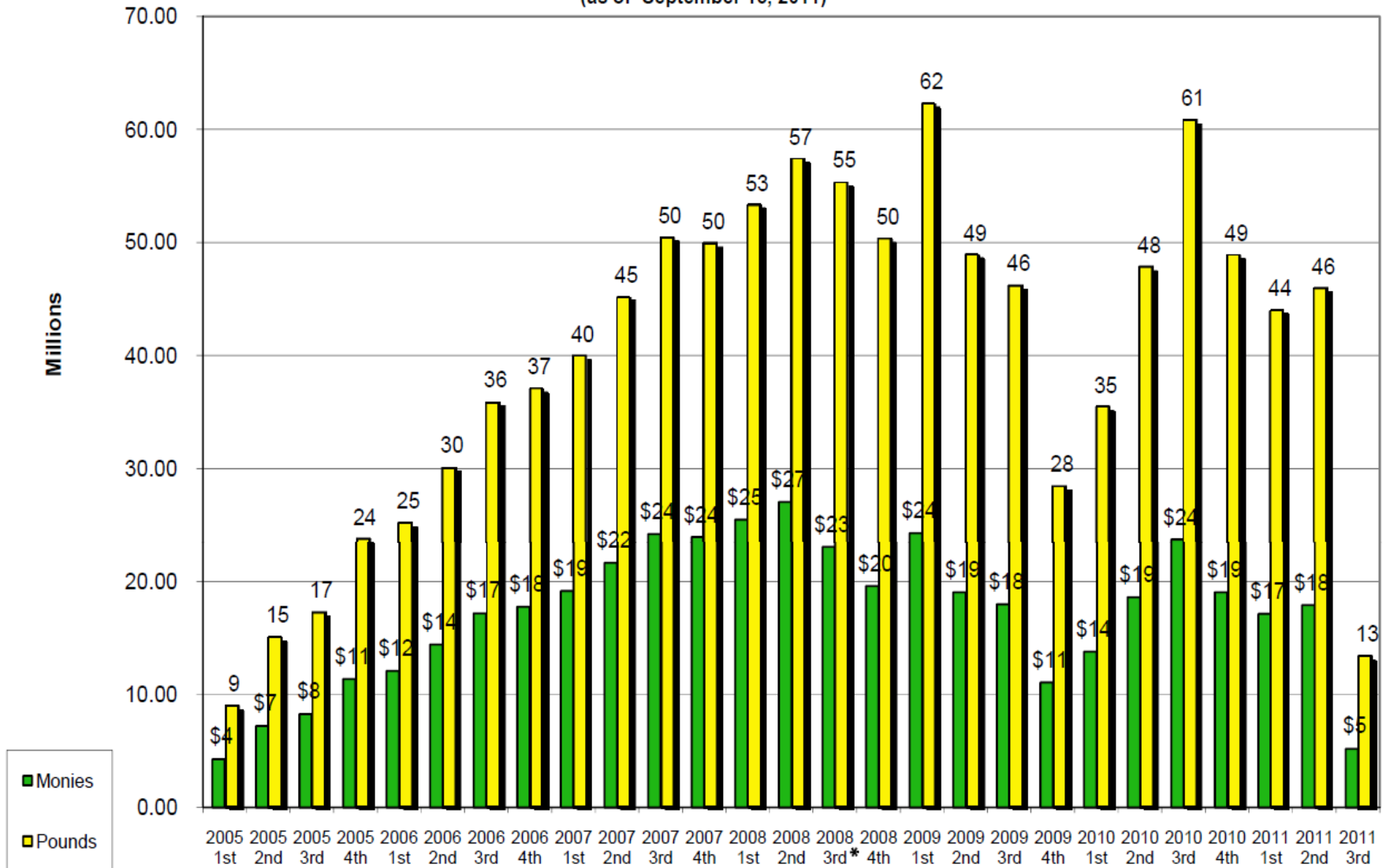
- **As part of claim:**

- Recycler must provide "...a discussion of the ultimate disposition of the (CRT glass) shipped demonstrating that the disposition is not disposal to land, water or air..."

# Covered Electronic Waste Recycling Payment System

## Quarterly Monies and Pounds Claimed

(as of September 15, 2011)



\* Change in the standard payment rate effective 3rd quarter 2008.

# Where Has the Glass Gone?

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- Since November 2009, as much as 80% of CA CRT glass was initially shipped to an domestic (U.S.) destination.
- At least four CA recyclers have ability to “treat” glass; can serve as “own” destination.
- Securing access and moving glass to ultimate disposition remains a challenge.

# Time to Consider Options

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- Recovery and recycling of all resources should be fostered and maximized.
- If no viable (environmentally sound / economically feasible) recycling market exists, how can disposal be accommodated?
- Not all CRT glass is created equal; this presents both opportunities and limitations.

# Today is Just the Beginning

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- CalRecycle is committed to working together with DTSC and stakeholders to expedite the allowance of CRT glass management options.
- DTSC's rules **necessarily** come first.
- CalRecycle will pursue emergency regulation changes in CEW system to allow legal and well documented glass management practices.



# Other Changes Ahead?

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- Regulatory reform needed in other areas of CEW payment system.
  - Designated Approved Collector remains a point of concern.
  - Online management of applications and participant information.
  - Electronic tracking of source documentation, transfers, processing, and claims.
- Non-CRT devices may need own rates / rules.